

## 1. Sheep Pox:-

It is an acute viral disease affecting sheep of all age groups. It is a disease which is generalized and shows skin lesions typical of pox . The non woolled areas show greatest number of eruptions . The disease used to sweep the flocks of sheep population in the past especially in mid eighties entire flocks have been swept by the malignant form of the disease and the department imported sheep pox vaccine for USSR and controlled it and the disease was eradicated from the province , but latter in nineties the disease again emerged due to indiscriminate and unchecked transportation of livestock from outside. The disease caused losses in the flocks but is now under control due to intervention of vaccination programmes.

Disease investigation laboratory is striving for controlling the disease for which production of killed sheep pox vaccine has shown a steady increase from merely 5000 doses in to 4 lac doses in 2011-12. The locally produced vaccine is highly effective against the disease even in the height of outbreaks.

## 2. Clostridial disease:-

Clostridial diseases are amongst the most important diseases of sheep and goat in Kashmir causing heavy losses .These includes lamb dysentery Braxy enterotoxaemia pulpy kidney, Black disease etc and occur throughout the year in all parts of the valley. The diseases are controlled by vaccination (MCC & ENT) provided by the department twice at least in an year. The department is planning to manufacture the vaccine in the laboratory in future.

## 3. Brucellosis:-

Brucellosis is amongst the most economically important diseases affecting livestock, besides having zoonotic significance. The Disease investigation laboratory is continuously screening the flocks for the disease by Rapid plate Agglutination Test & ELISA. The disease causing reproductive losses & having zoonotic importance requires special attention.

## 4. Footrot:-

Footrot is a contagious bacterial disease affecting hooves of animals . Damp condition and injury to foot are the predisposing factors. The disease is prevalent mostly in marshy areas and also has prevalence at highland pastures. Farmers are educated regarding improving hygiene and foot care of animals to avoid the outbreaks. Division of microbiology SKUAST-K is in a process of production of a vaccine against the disease. The disease causes heavy economical losses on account of loss of production and deaths also.

## 5. Fascioliasis:-

Sheep & goat being more prone to fascioliasis need special attention for its prevention. Acute fascioliasis causes havoc in the endemic areas, mostly low lying marshy areas, where along with the Black disease ( Acute fascioliasis and Black disease are closely associated) deaths and mortality occurs. The disease has been reported during last few years in the area of Panzinara, Mujgund, Maloora, Palpora, Sangam of Srinagar district & areas of Hajin Sumbal, Pulwama area, during the months of November & December. Frequent anthelmintic dosing with closental and triclabendazole & M.C.C vaccine in a planned manner by the department has lessened the incidence of the disease.

## 6. PPR:-

It is an infectious viral disease characterized by high fever, anorexia rapid respiration rate & shooting diarrhea. The disease has been reported since last 4 years during summer and has a morbidity rate of 50-90% and the mortality being about 50%. The department procures vaccine against the disease and is used in endemic areas, mostly Budgam.

## 7. Blue Tongue:-

It is a viral disease transmitted by vector with signs of lameness high fever and stomatitis with potential hazard of abortion among pregnant flocks. The disease has been reported from areas of Baramulla & Khansaheb Budgam.

## 8. Foot and mouth disease :-

Foot & mouth disease is a viral contagion disease characterized by high temperature, lesions in mouth and foot. Though it is silent in Sheep and does not manifest, it carries infection to the cattle. The disease was reported this year from Pattan and some other areas.

## 9. Contagious ecthyma:-

It is a viral disease, pseudopox, characterized by formation of scabs on lip commissures and gums which lead to starvation in unattended lambs and consequent death, sporadic cases are reported from various areas of the valley.

## 10. Contagion caprine pleuro pneumonia .

The disease occurs in goats & is caused by mycoplasma organism with respiratory symptoms. sporadic cases of the disease have been reported.

## 11.Pasteurellosis :-

Pasteurellosis is a bacterial disease predisposed by stress like, shearing long journeys mall nutrition etc.The disease has been reported sporadically.